

FIG. 1

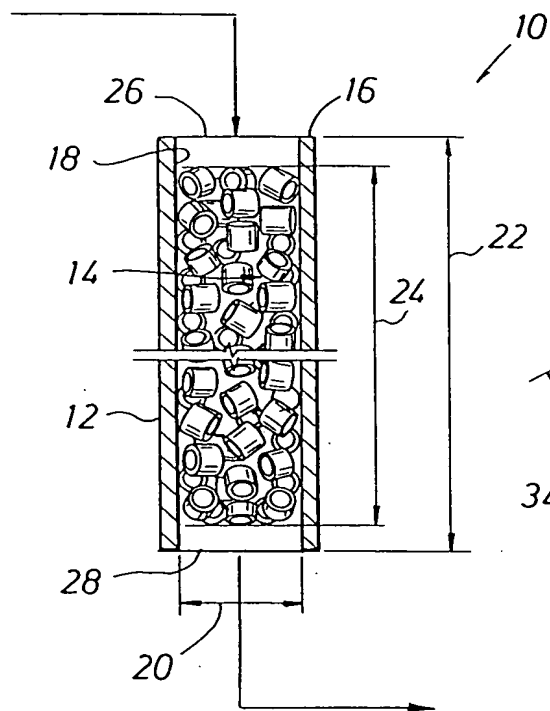


FIG. 2

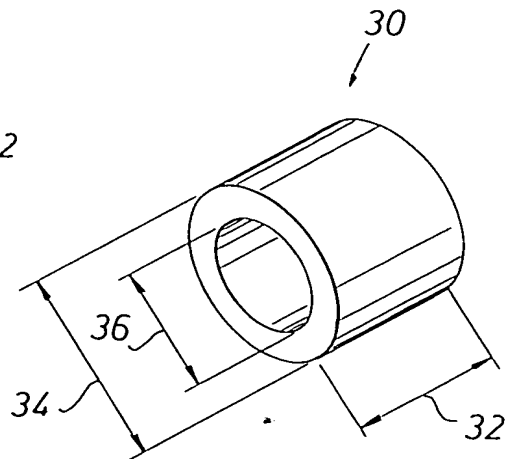


FIG. 3

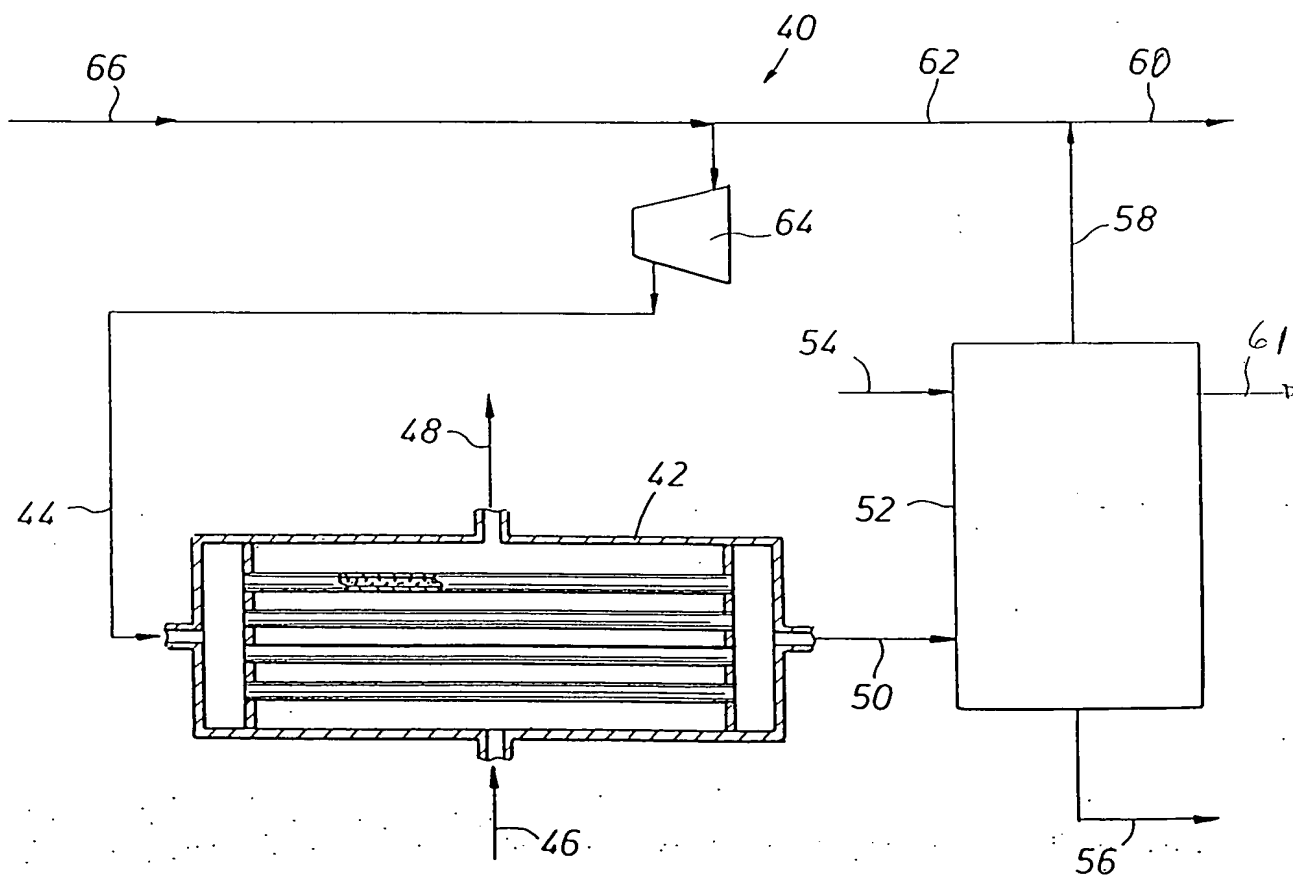


FIG. 10

Legend:

- $\%DP$ (diagonal lines)
- $\%TPD$ (horizontal lines)
- $\%TPD^*$ (white)

Y-axis: $C (\%)$

X-axis labels (from top to bottom):

- 5 mm $L/D = 0.5$
- 5 mm $L/D = 1.0$
- 6 mm $L/D = 0.5$
- 6 mm $L/D = 1.0$
- 7 mm $L/D = 0.5$
- 7 mm $L/D = 1.0$
- 8 mm $L/D = 0.5$
- 8 mm $L/D = 1.0$
- 9 mm $L/D = 0.5$
- 9 mm $L/D = 1.0$

L/D Ratio	$\%DP$	$\%TPD$	$\%TPD^*$
5 mm $L/D = 0.5$	~95	~2	~3
5 mm $L/D = 1.0$	~65	~2	~2
6 mm $L/D = 0.5$	~105	~2	~2
6 mm $L/D = 1.0$	~55	~2	~2
7 mm $L/D = 0.5$	~40	~2	~2
7 mm $L/D = 1.0$	~15	~5	~2
8 mm $L/D = 0.5$	~20	~2	~2
8 mm $L/D = 1.0$	~10	~5	~2
9 mm $L/D = 0.5$	~15	~5	~2
9 mm $L/D = 1.0$	~10	~10	~2

+

FIG. 5

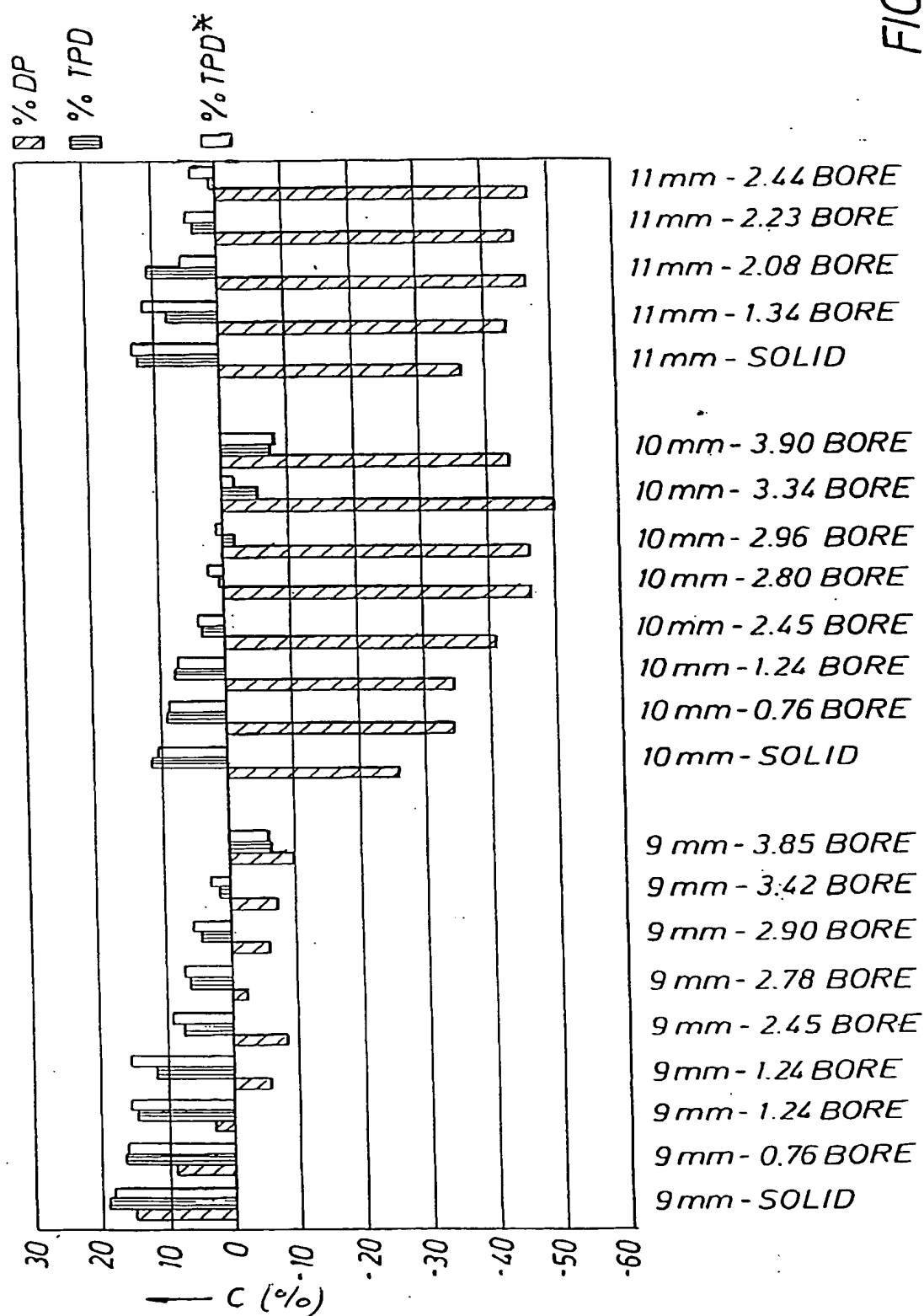


FIG. 6

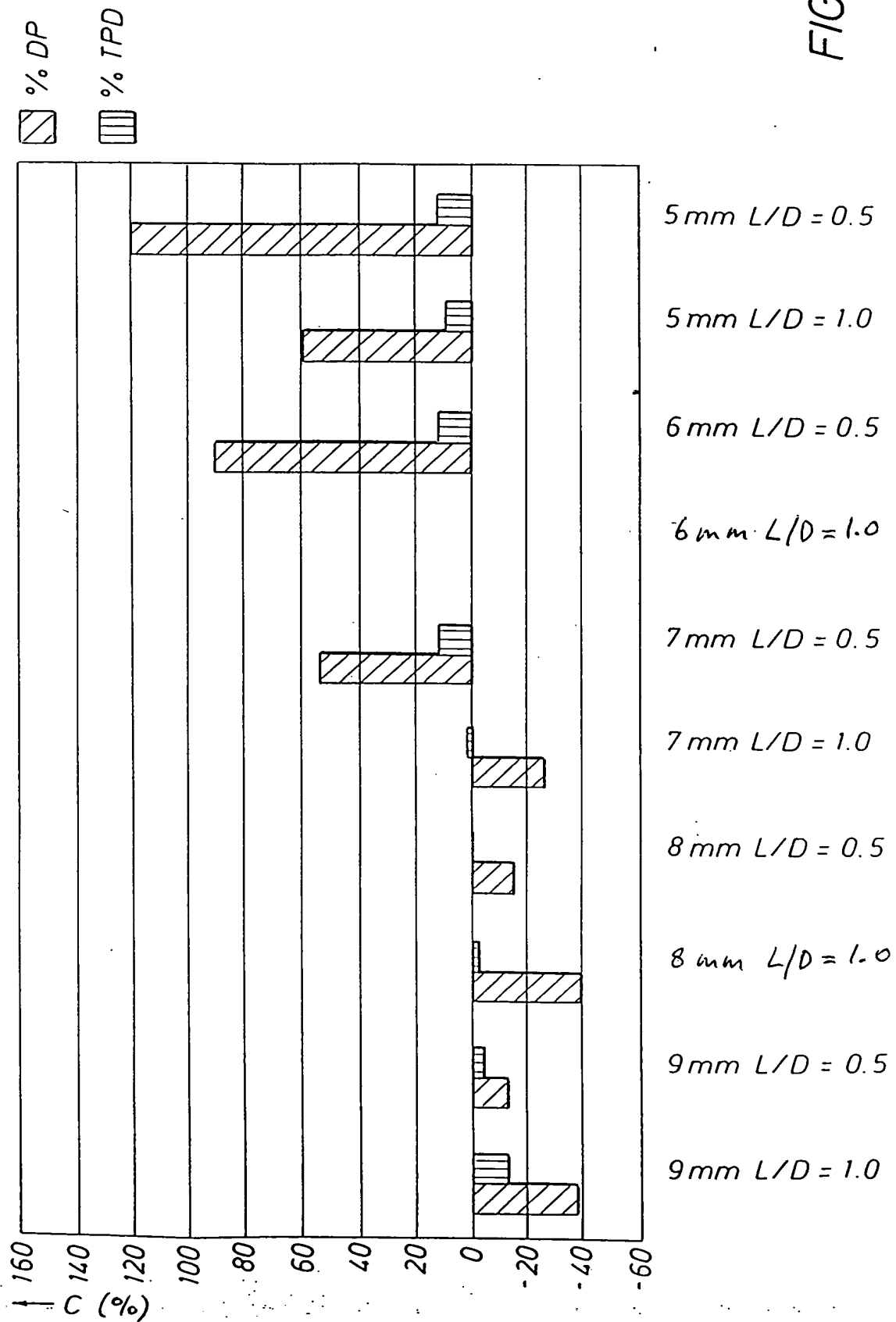
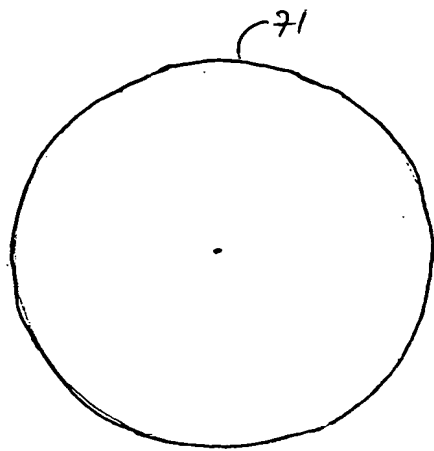
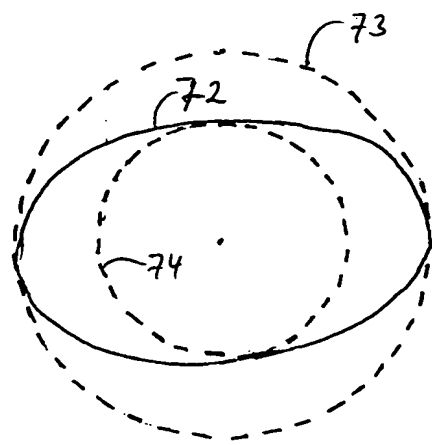


Fig. 7



(a)



(b)